

BORROW MATERIAL QUANTITIES

4' BORROW CAP X 37.0 ACRES	=	238,773	CY
2' BORROW CAP X 3.6 ACRES	=	11,616	CY
1.5' BORROW CAP X 108.7 ACRES	=	263,054	CY
TOTAL BORROW	=	513,443	CY

SCARIFY SOIL PRIOR TO SEEDING = 43.2 AC
REGRADE, SCARIFY & REPLACE TOPSOIL = 6.0 AC

TOTAL AVAILABLE TOPSOIL = 7,928 CY

NOTES:

1. ANY AREAS THAT REMAIN COVERED WITH COARSE REFUSE WILL BE COVERED WITH FOUR (4) FEET OF BORROW MATERIAL AND THE AREA REVEGETATED.
2. AT THE TIME OF FINAL RECLAMATION, THE OUTER SURFACE OF THE EXCESS SPILL DISPOSAL AREAS (SHOWN IN PLATE 9-1 AND 9-8) WILL HAVE AT LEAST EIGHTEEN (18) INCHES OF SUITABLE PLANT GROWTH MATERIAL AND BE REVEGETATED. ATTEMPTS WILL BE MADE TO PLACE SPOIL THAT IS SUITABLE PLANT GROWTH MATERIAL ON THE FINAL SURFACE. IF SUITABLE SPOIL IS NOT AVAILABLE THEN BORROW MATERIAL WILL BE USED TO OBTAIN THE NEEDED DEPTH.
3. AT THE TIME OF FINAL RECLAMATION, AREAS WHICH HAVE HAD TOPSOIL REMOVED AND STOCKPILED, WILL HAVE THE TOPSOIL REDISTRIBUTED. THESE AREAS WILL BE SCARIFIED TO REDUCE POTENTIAL SUPPAGE OF THE REDISTRIBUTED MATERIAL AND TO ASSIST REVEGETATION.
4. OTHER AREAS AS SHOWN WILL BE COVERED WITH 1P TO EIGHTEEN (18) INCHES OF BORROW MATERIAL OR BE CLEARED AND SCARIFIED. SUFFICIENT SAMPLES SHALL BE TAKEN AND ANALYZED OF THE EXISTING SOIL TYPES TO DEMONSTRATE THAT THE COMBINED DEPTH OF BORROW MATERIAL AND EXISTING MATERIAL IS SUFFICIENT TO PROVIDE SUITABLE GROWTH MEDIUM COMPARABLE TO THE NATURAL CONDITIONS WHICH EXISTED PRIOR TO DISTURBANCE.
5. THE BORROW MATERIAL AND TOPSOIL, IS TO BE DISTRIBUTED BY END-DUMPING. ANIMAL GRADING WILL BE UTILIZED TO REDISTRIBUTE THE DUMPED MATERIALS TO SUFFICIENTLY COVER THE RECLAIMED SITE. THE BORROW MATERIALS WILL BE SPREAD UNEVENLY TO CREATE SMALL DEPRESSIONS WHICH WILL RETAIN MOISTURE, MINIMIZE EROSION, CREATE AND ENHANCE WILDLIFE HABITAT, AND ASSIST REVEGETATION
6. THE RECLAMATION BORROW AREAS USED DURING THIS FINAL RECLAMATION WILL BE CONTINUED DURING BORROW MATERIAL REMOVAL, LEFT AS A SMALL DEPRESSION AND REVEGETATED AFTER REQUIRED BORROW MATERIAL HAS BEEN REMOVED. A BERM OR DIVERSION MAY BE USED TO DIRECT RUNOFF FROM THE UNDISTURBED AREA AROUND THE DISTURBED BORROW AREA.

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DIV. OF OIL, GAS & MINING

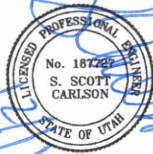
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Δ	6/11	EXCESS SPOIL DISPOSAL AREA 2 CHANGES	AH	
Δ	11/10	BOUNDARY UPDATE	AH	
Δ	9/02	2002 PERMIT RENEWAL	AH	
Δ	DATE	DESCRIPTION	BY	App'D

Sunnyside Cogeneration Associates
FINAL RECLAMATION PLAN
BORROW MATERIAL PLAN

1-10-95

SCALE

PROJECT NO.



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